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JAN 15 2004

AMENDMENT TRANSMITTAL LETTERDocket No.
V637 03010 USApplication No.
10/028,435Filing Date
December 28, 2001Examiner
Dung T. NguyenArt Unit
2828

Applicant(s): Samuel Villareal et al.

Invention: ASYMMETRIC DISTRIBUTED BRAGG REFLECTOR (DBRS) SUITABLE FOR VERTICAL-CAVITY SURFACE-EMITTING LASERS (VCSEL)

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	26	- 30 =		x	0.00
Independent Claims	3	- 3 =		x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00

 Large Entity Small Entity No additional fee is required for this amendment. Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed. A check in the amount of \$ _____ to cover the filing fee is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge and credit Deposit Account No. 50-0911 as described below. A duplicate copy of this sheet is enclosed. Credit any overpayment. Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

 Song K. Jung
 Attorney Reg. No.: 35,210

Dated: January 15, 2004

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PATENT TRADEMARK OFFICE



Docket No.: V637-03010 US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Samuel S. Villareal, et al.

Confirmation No.: 4425

Application No.: 10/028,435

Art Unit: 2828

Filed: December 28, 2001

Examiner: Dung T. NGUYEN

For: **LONG WAVELENGTH VERTICAL
CAVITY SURFACE EMITTING LASERS**

Customer No.: 30827

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated October 22, 2003 (Paper No. 2), the following remarks are respectfully submitted.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 10 of this paper.